



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date: February 10, 2014

EPA Reg. No./File Symbol: 74530-xx

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Applicant's/Registrant's Name & Address: Helm Agro US, Inc.
4042 Park Oaks Blvd., Suite 330
Tampa, FL 33610

Product: Diquat TC

Ingredient: Diquat dibromide

Guideline Reference Numbers, OPP/OPPTS	Guideline Study Name	MRID Number	Submitter	Status	Note
61-1/ 830.1550	Product Identity and Composition	To be assigned	Helm Agro US, Inc.	Own	Submitted with this application
61-2/ 830.1600 & 830.1620	Beginning Materials and Manufacturing Process	To be assigned	Helm Agro US, Inc.	Own	Submitted with this application
61-3/ 830.1670	Discussion of the Formation of Impurities	To be assigned	Helm Agro US, Inc.	Own	Submitted with this application
62-1/ 830.1700	Preliminary Analysis	To be assigned	Helm Agro US, Inc.	Own	Submitted with this application
62-2/ 830.1750	Certified Limits	N/A	Helm Agro US, Inc.	Own	See submitted CSF
62-3/ 830.1800	Enforcement Analytical Method	To be assigned	Helm Agro US, Inc.	Own	Submitted with this application
63-2/ 830.6302	Color -Technical	To be assigned	Helm Agro US, Inc.	Own	Submitted with this application
63-3/ 830.6303	Physical State -Technical	To be assigned	Helm Agro US, Inc.	Own	Submitted with this application
63-4/ 830.6304	Odor-Technical	To be assigned	Helm Agro US, Inc.	Own	Submitted with this application
63-5/ 830.7200	Melting Point-Technical	0015555		OLD	
63-7/ 830.7300	Density-Technical	0015555		OLD	

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Ingredient: Diquat dibromide					
Guideline Reference Numbers, OPP/OPPTS	Guideline Study Name	MRID Number	Submitter	Status	Note
63-8/ 830.7840	Solubility-Technical	00136329, 40302701		OLD	
63-9/ 830.7950	Vapor Pressure-Technical	40245101		OLD	
63-10/ 830.7370	Dissociation Constant	00138938		OLD	
63-11/ 830.7550	Octanol/Water Partition Coefficient-Technical	00138928		OLD	
63-12/ 830.7000	pH-Technical	To be assigned	Helm Agro US	Own	Submitted with this application
63-13/ 830.6313	Stability-Technical	00038627, 00138928		OLD	
63-14/ 830.6314	Oxidation/reduction: Chemical incompatibility	To be assigned	Helm Agro US	Own	Submitted with this application
63.15/ 830.6315	Flammability-Technical	00115555		OLD	
63-16/ 830.6316	Explosibility-Technical	40069304		OLD	
63-17/ 830.6317	Storage Stability -Technical	N/A	Helm Agro US	Own	New study under way
63-20/ 830.6320	Corrosion Characteristics-Technical	N/A	Helm Agro US	Own	New study under way
N/A/ 830.7050	UV visible light absorption	To be assigned	Helm Agro US	Own	Submitted with this application



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Applicant's/Registrant's Name & Address: Helm Agro US, Inc.
4042 Park Oaks Blvd., Suite 330
Tampa, FL 33610

Product: Diquat TC

Ingredient: Diquat dibromide

Guideline Reference Numbers, OPP/OPPTS	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1/ 870.1100	Acute Oral Toxicity - Rat	To be assigned	Helm Agro US, Inc.	Own	Submitted with this application
81-2/ 870.1200	Acute Dermal Toxicity-Rabbit	To be assigned	Helm Agro US, Inc.	Own	Submitted with this application
81-3/ 870.1300	Acute Inhalation Toxicity-Rat	To be assigned	Helm Agro US, Inc.	Own	Submitted with this application
81-4/ 870.2400	Primary Eye Irritation-Rabbit	To be assigned	Helm Agro US, Inc.	Own	Submitted with this application
81-5/ 870.2500	Primary Dermal Irritation-Rabbit	To be assigned	Helm Agro US, Inc.	Own	Submitted with this application
81-6/ 870.2600	Dermal Sensitization in Guinea Pigs	To be assigned	Helm Agro US, Inc.	Own	Submitted with this application
	Helm Agro US Inc. is making offers-to-pay to the following companies listed on EPA's Data Submitters list as of September 25, 2013.	Company Number			
	Cite-All under Selective Method utilized by Helm Agro US Inc.	100	Syngenta Crop Protection LLC	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	228	Nufarm Americas Inc.	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	239	The Scotts Company	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	524	Monsanto Company	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	2749	Aceto Agricultural Group	Pay	



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4042 Park Oaks Blvd., Suite 330
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Product: Diquat TC

Ingredient: Diquat dibromide

Guideline Reference Numbers, OPP/OPPTS	Guideline Study Name	Company Number	Submitter	Status*	Note
	Cite-All under Selective Method utilized by Helm Agro US Inc.	3862	ABC Compounding Co. Inc.	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	5785	Great Lakes Chemical Corp.	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	9688	Chemsico	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	10182	Syngenta Crop Protection	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	35935	Nufarm Limited	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	59639	Valent USA Corp.	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	66607	Spray Drift Task Force	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	70506	United Phosphorus Inc.	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	71754	Outdoor Residential Exposure Task Force	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	71755	Agricultural Reentry Task Force	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	71995	Monsanto Company	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	72155	Bayer Advanced	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	73989	FIFRA Endangered Species TF	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	74888	Residential Exposure Joint Venture	Pay	



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Ingredient: Diquat dibromide					
Guideline Reference Numbers, OPP/OPPTS	Guideline Study Name	Company Number	Submitter	Status*	Note
	Cite-All under Selective Method utilized by Helm Agro US Inc.	75234	Agricultural Handlers Exposure Task Force	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	79676	Gro-Pro LLC	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	81959	Etigra LLC	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	82542	Source Dynamics LLC	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	82633	Sharda Worldwide Exports Ltd.	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	83529	Sharda USA LLC	Pay	
	Cite-All under Selective Method utilized by Helm Agro US Inc.	83979	Rotam North America Inc.	Pay	
Signature:			Name and Title: Bert Volger, Ph.D. Agent for HELM AGRO US Inc.		Date: 2/10/2014



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			Helm Agro US, Inc.	Own	Submitted with this application
			Helm Agro US, Inc.	Own	See submitted CSF
			Helm Agro US, Inc.	Own	Submitted with this application
			Helm Agro US, Inc.	Own	Submitted with this application
			Helm Agro US, Inc.	Own	Submitted with this application
			Helm Agro US, Inc.	Own	Submitted with this application
				OLD	
				OLD	



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[REDACTED]	[REDACTED]	[REDACTED]		OLD	
[REDACTED]	[REDACTED]	[REDACTED]		OLD	
[REDACTED]	[REDACTED]	[REDACTED]		OLD	
[REDACTED]	[REDACTED]	[REDACTED]		OLD	
[REDACTED]	[REDACTED]	[REDACTED]	Helm Agro US	Own	Submitted with this application
[REDACTED]	[REDACTED]	[REDACTED]		OLD	
[REDACTED]	[REDACTED]	[REDACTED]	Helm Agro US	Own	Submitted with this application
[REDACTED]	[REDACTED]	[REDACTED]	Helm Agro US	OLD	
[REDACTED]	[REDACTED]	[REDACTED]		OLD	
[REDACTED]	[REDACTED]	[REDACTED]	Helm Agro US	Own	New study under way
[REDACTED]	[REDACTED]	[REDACTED]	Helm Agro US	Own	New study under way
[REDACTED]	[REDACTED]	[REDACTED]	Helm Agro US	Own	Submitted with this application



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[REDACTED]	[REDACTED]	[REDACTED]	Helm Agro US, Inc.	Own	Submitted with this application
[REDACTED]	[REDACTED]	[REDACTED]	Helm Agro US, Inc.	Own	Submitted with this application
[REDACTED]	[REDACTED]	[REDACTED]	Helm Agro US, Inc.	Own	Submitted with this application
[REDACTED]	[REDACTED]	[REDACTED]	Helm Agro US, Inc.	Own	Submitted with this application
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]	[REDACTED]	Syngenta Crop Protection LLC	Pay	
[REDACTED]	[REDACTED]	[REDACTED]	Nufarm Americas Inc.	Pay	
[REDACTED]	[REDACTED]	[REDACTED]	The Scotts Company	Pay	
[REDACTED]	[REDACTED]	[REDACTED]	Monsanto Company	Pay	
[REDACTED]	[REDACTED]	[REDACTED]	Aceto Agricultural Group	Pay	



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			Great Lakes Chemical Corp.	Pay	
			Chemsico	Pay	
			Syngenta Crop Protection	Pay	
			Nufarm Limited	Pay	
			Valent USA Corp.	Pay	
			Spray Drift Task Force	Pay	
			United Phosphorus Inc.	Pay	
			Outdoor Residential Exposure Task Force	Pay	
			Agricultural Reentry Task Force	Pay	
			Monsanto Company	Pay	
			Bayer Advanced	Pay	
			FIFRA Endangered Species TF	Pay	
			Residential Exposure Joint Venture	Pay	



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			Agricultural Handlers Exposure Task Force	Pay	
			Gro-Pro LLC	Pay	
			Etigra LLC	Pay	
			Source Dynamics LLC	Pay	
			Sharda Worldwide Exports Ltd.	Pay	
			Sharda USA LLC	Pay	
			Rotam North America Inc.	Pay	

Signature:

Name and Title:

Bert Volger, Ph.D.
Agent for
HELM AGRO US Inc.

Date:

2/10/2014